

### ABSTRACT OF THE DISCLOSURE

Disclosed is a method for the detection of colon cancer by a blood test for elevated levels of peptide YY (PYY), a hormone which is produced in the gut, secreted into blood and transported into the brain where it regulates appetite. Other body fluids can also be evaluated in the same way. The use of PYY measurement as part of the periodic medical examination together with other screening tests such as fecal hemocult and carcinoembryonic antigen could substantially improve the possibility of diagnosis of colon cancer at an early stage when surgery is likely to be curative.